



**GREENBLUM & BERNSTEIN, P.L.C.**  
 Intellectual Property Causes  
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 Reston, VA 20191  
 (703) 716-1191

Attorney Docket No. P22019

In re application of : Duck-Young KIM et al.

Serial No. : 10/080,543

**Box Non-Fee**  
 Group Art Unit: 2877

Filed : February 25, 2002

Examiner: Unknown

For : APPARATUS FOR AND METHOD OF MEASURING THICKNESS OF MATERIALS  
 USING THE FOCAL LENGTH OF A LENSED FIBER

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231

Sir:

Transmitted herewith is a Preliminary Amendment in the above-captioned application.

\_\_\_ Small Entity Status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a previously filed statement.

\_\_\_ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.

\_\_\_ An Information Disclosure Statement, PTO Form 1449, and references cited.

☒ No additional fee is required.

\_\_\_  
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The fee has been calculated as shown below:

Claims After Amendment	No. Claims Previously Paid For	Present Extra	Small Entity		Other Than A Small Entity	
			Rate	Fee	Rate	Fee
Total Claims: 10	*20	0	x 9=	\$0.00	x 18=	\$
Indep. Claims: 2	**3	0	x 42=	\$0.00	x 84=	\$
Multiple Dependent Claims Presented			+140=	\$0.00	+280=	\$
Extension Fees for Month				\$0.00		\$
Total:				\$0.00	Total:	\$

TECHNOLOGY CENTER 2000

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\*If less than 20, write 20

\*\*If less than 3, write 3

\_\_\_ Please charge my Deposit Account No. 19-0089 in the amount of \$ \_\_\_\_.

N/A A Check in the amount of \$ \_\_\_\_ to cover the filing/extension fee is included.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0089.

☒ Any additional filing fees required under 37 C.F.R. 1.16.

☒ Any patent application processing fees under 37 C.F.R. 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136)(a)(3).

*Bruce H. Bernstein*  
 Bruce H. Bernstein  
 Reg. No. 29,027

RN. 75630

P22019.A02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Duck - Young KIM et al.

Group Art Unit 2877

Appln. No. : 10/080,543

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For : APPARATUS FOR AND METHOD OF MEASURING THICKNESS  
OF MATERIALS USING THE FOCAL LENGTH OF A LENSED  
FIBER

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PRELIMINARY AMENDMENT

Commissioner of Patents and Trademarks  
Washington, DC 20231

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TECHNOLOGY CENTER 2800

Sir :

Prior to an examination of the above-captioned application, the Examiner is respectfully requested to amend the claims, as follows:

IN THE CLAIMS

Please amend claims 1-3, 5, 8-10 as follows (a marked-up copy of the claim amendments is provided as an attachment to this Amendment):

1. (Clean Copy) An apparatus for measuring the thickness of a material using the focal length of a lensed fiber comprising:

B1 a piezo Electric Transducer (PZT) which moves vertically against the material to be measured;

l' a lensed fiber which is attached to said PZT for emitting a Gaussian beam;